

Supplemental Figure: Bovine insulin successfully competes with human insulin for binding to anti-insulin BCRs. Using flow cytometry, B cells (B220 $^{+}$  IgM $^{a+}$  live lymphocytes) from  $V_H125^{SD}$  B6 mice (n = 6) were incubated with 17 nM (1X) biotinylated human insulin (HINS) in the presence of bovine insulin (BINS) at increasing concentrations in a competitive inhibition assay. 10  $\mu$ g/mL BINS, or 1.7  $\mu$ M (100X), completely inhibits HINS binding by anti-insulin BCRs.